

10/780,658

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 01311.001005.1		APPLICATION NO. NYA Div. Of 09/982,626	
				APPLICANTS JAMES K. CAVERS ET AL.			
				FILING DATE Herewith		GROUP 2819	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,610,554	3/97	Anvari	330	52	
		5,617,061	4/97	Fukuchi	330	151	
		5,621,354	4/97	Mitzlaff	330	52	
JL		5,694,395	12/97	Myer et al.	370	480	
		5,742,201	4/98	Eisenberg et al.	330	2	
		5,831,478	11/98	Long	330	52	
		5,815,036	9/98	Yoshikawa et al.	330	52	
		4,879,519	11/89	Myer	330	149	
		4,379,994	4/83	Baumann	330	149	
		5,862,459	1/99	Charas	455	144	
		5,644,268	7/97	Hang	330	151	
		5,760,646	6/98	Belcher et al.	330	149	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
JL	EP	0675594	10/95	EPO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	
	S. Grant, "A DSP Controlled Adaptive Feedforward Amplifier Linearizer," July, 1996.
JL	S. Grant and J. Cavers, "A DSP Controlled Adaptive Feedforward Amplifier Linearizer," ICUPC 1996.
	A. Smith, "A Wideband Adaptive Feedforward Amplifier Lineariser," August 1997.
	A. Smith and J. Cavers, "A Wideband Architecture For Adaptive Feedforward Linearization," May 18, 1998.

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	12/01/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>AL</i>	5,307,022	4/94	Tattersall, Jr. et al.	330	52		
	5,532,642	7/96	Takal	330	15		
	5,789,976	8/98	Ghannouchi et al.	330	52		
	5,565,814	10/96	Fukuchi	330	52		
	5,485,120	1/96	Anvari	330	151		
	5,489,875	2/96	Cavers	330	151		
	6,208,207	3/01	Cavers	330	149		
	6,166,601	12/00	Shalom et al.	330	151		
	5,157,345	10/92	Kennington et al.	330	149		
	5,130,633	7/92	Tattersall, Jr.	330	52		
	5,867,065	2/99	Leyendecker	330	149		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
<i>JL</i>	58 175309	10/14/83	Japan				
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<i>AL</i>	F. Amoroso, "Spectral Containment By PreDistortion of QPSK Signal," October, 1998.						
	J. Cavers, "Adaption Behavior of a Feedforward Amplifier Linearizer," February, 1995.						
	Q. Cheng, et al., "A 1.9 GHZ Adaptive Feedforward Power Amplifier, November, 1998.						
	J.C. Lagarias, et al. Convergence Properties of the Nedler-Mead Simplex Algorithm in Low Dimensions, SAIM J. Optim. May, 1997						
	P.B. Kennington and D.W. Bennett, Linear Distortion Correction using Feed-forward System, IEEE Transactions on Vehicular Technology Vol 45 No 1 (Feb. 1996)						
	J. Chen, et al., Adaptive joint linearisation / equalisation with delay alignments for a wideband power amplifier, March, 1998						
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10/780, 658

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U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,898,339	4/99	Maruyama et al.	330	151	
	6,075,411	6/00	Briffa et al.	330	149	
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	J.K. Cavers, Convergence Behavior of an Adaptive Feed-forward Linearizer, IEEE Vehicular Technology Conference, (1994). <i>no mention</i>					
	F.T. Luk and S. Qiao, Analysis of a Recursive Least-squares Signal Processing Algorithm, Society for Industrial and Applied Mathematics, Vol 10, No. 3, (May 1989)					
	S. Ljung and L. Ljung, Error Propagation Properties of Recursive Least-squares Adaptation Algorithms, Automatica, Vol. 21, No. 2 (1985) <i>no mention</i>					
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	D.H. Shi and F. Kozin, On Almost Sure Convergence of Adaptive Algorithms, IEEE Transactions on Automatic Control, Vol. AC-31, No. 5, (May 1986)					
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EXAMINER			DATE CONSIDERED <i>12/8/06</i>			

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10/789,658

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U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,912,586	6/99	James Edward Mitzlaff	330	149	
	5,923,214	7/99	James E. Mitzlaff	330	52	
	6,456,160 B1	9/02	Nakayama et al.	330	52	
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	M. Johansson and L. Sundstrom, Linearization of RF Multicarrier Amplifiers using Cartesian Feedback, Electronic Letters, Vol. 30, No. 14, (July 7, 1994)					
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